



## ABSTRACT

The invention relates to antibodies recognizing acetylcholinesterase or a C-terminal peptide derived from acetyl-cholinesterase, useful in diagnosing central nervous system (CNS) stress, elevated glucocorticoid level, disruption of the blood-brain barrier or Alzheimer's disease. The invention also relates to methods for the diagnosis of central nervous system (CNS) stress, elevated glucocorticoid level or disruption of the blood-brain barrier in a mammal, by use of the antibodies of the invention.